

(These pages may be copied; send by e-mail, fax, or postal service)

CO: Twenty-five Years of Millimeter-wave Spectroscopy

29 May - 2 June, 1995

REGISTRATION FORM

Please try to return this form by **30 January 1995** (Received in Tucson):

Mail: CO Symposium
NRAO, Campus Bldg. 65
949 N. Cherry Ave.
Tucson, AZ 85721-0655 USA

e-mail: symp95@nrao.edu (Internet)
fax: 602-882-7955

Please type or print:

Name: William LANGE
Institution: Jet Propulsion Laboratory
Address: MS 169-506
4800 Oak Grove Dr.
Pasadena, CA 91109
Phone: 818 354 5823 Fax: 818 354 8895 E-mail: lange@lange.jpl.nasa.gov
I would like to present a paper on:

Carbon Monoxide Isotopes: On The Trail of Galactic Chemical Evolution

I prefer to present as: [] Oral Contribution (by 15 Morel 1995) ☒ Poster []

Brief Abstract for Oral Contributions:

From the early days of the discovery of radio emission from carbon monoxide it was realized that it, and other molecules, offered unusual potential for understanding the chemical evolution of the Galaxy and external galaxies through measurements of molecular isotopes. These results bear on stellar nucleosynthesis, star formation and the mixing of gas in the interstellar medium. Since then we have made great progress towards interpreting Galactic chemical evolution as a result of increased sensitivity of instruments, better understanding of radiative transfer, and an appreciation of the potential complications from chemical effects. I propose to review the progress in isotopic ratio measurements and summarize the current state of our understanding of this problem. My review will touch on observations and theory.